

## West Lafayette Lilly Nature Center

The Recreation Regulatory Negotiation Committee published the following accessibility guidelines in its final report (Sept 30, 1999). The committee relied heavily upon the Recreation Access Advisory Committee Recommendations for Accessibility Guidelines for Recreational Facilities and Outdoor Developed Areas (July 1994). The following prioritization guide derives from this committee:

- Priority # 1. Protect resource and environment
- Priority # 2. Preserve experience
- Priority # 3. Provide for equality of opportunity
- Priority # 4. Maximize accessibility
- Priority # 5. Be reasonable
- Priority # 6. Address safety
- Priority # 7. Be clear, simple, and understandable
- Priority # 8. Provide guidance
- Priority # 9. Be enforceable and measurable
- Priority # 10. Be consistent with ADAAG (as much as possible)
- Priority # 11. Be based on independent use by persons with disabilities

AGODA (Accessibility Guidelines for Outdoor Developed Areas) F247.1 mandates trails that have a use for pedestrians are required to comply with F247 and 1017. Install signage per F247 on trails within Lilly Nature Preserve. Signs shall include the following information:

1. Length of the trail or segment;
2. Surface type;
3. Typical and minimum tread width;
4. Typical and maximum running slopes; and
5. Typical and maximum cross slope.

\* NOTE : Numbers on this report correlate with the numbers on the attached schematic (Appendix D)

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## North Paved Trail

Locations	Non-Compliant Infraction		Compliant Remediation Procedure/Modification to Ensure Program Access	Priorities for Accessibility Guidelines for Outdoor Developed Areas										
Locations	Identified Issue	Accessibility Guidelines for Outdoor Developed Areas / ADAAG	Recommended Corrections	Priority #1	Priority #2	Priority #3	Priority #4	Priority #5	Priority #6	Priority #7	Priority #8	Priority #9	Priority #10	Priority #11
Straight Run North (kind of hilltop)	1). 1 1/2" to 2" transition exists at the east edge of the pavement. 2). Cross slopes are at 2.2% and 3.1% exceeding the max. of 1:48 or 2.08%.	AGODA F247, 1017	1). Add material to provide blended transition @ paved trail and adjacent ground. 2). Regrade surface to have cross slopes of 1:48 or 2.08% max.											
Western Most Curve	3). Cross slope exists at 2.3% and 2.4% exceeding the max. of 2.08% 4). 1 1/2" to 2" drop at inside (east) edge of pavement.	AGODA F247, 1017	3). Regrade surface to have cross slopes of 1:48 or 2.08% max. 4). Regrade to ensure no rises greater than 1/2" exist.											
Sign about Pothole & Wetlands	5). Signage does allow for full program access to individuals having low vision or who are blind.	ADA Title II Requirement	5). Seek alternative auxiliary aids to assist persons with low vision or who are blind to have full access to the trail. Suggestions /possibilities are providing a qualified reader to read signage along the trail, providing audio recordings of signage information, providing audio descriptions of relative environment, or other auxiliary aids that would assist in providing program access.											

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Bench	6). Existing benches do not meet seat height requirement.	ADAAG 903, AGODA 1011.2	6). Raise existing benches; ensure seat height to be 17" min. AFF. and 19" max. AFF.											
Bottom of the Hill	7). Cross slope changes direction and slopes east at 2.8%.	AGODA F247, 1015	7). Regrade surface to have cross slopes of 1:48 or 2.08% max.											
Northern most Hill next to Apartments	8). 2.6% cross slope at the bottom of the hill. 9). Repair in concrete left large gaps, 5" wide and 1" deep that crosses the path.	AGODA F247, 1015	8). Regrade surface to have cross slopes of 1:48 or 2.08% max. 9). Regrade surface or use cold patch to ensure that no gaps greater than 1/2".											
Trail Head with Sign at North End	10). Cross slopes are at 4% on the inside of path. 11). Large 1" wide crack runs east/west	AGODA F247, 1015	10). Regrade surface to have cross slopes of 1:48 or 2.08% max. 11). Regrade surface or use cold patch to ensure that no gaps greater than 1/2"exist.											
Fence	12). 3" to 4" drop between pavement and fence. 13). Top of fence is located at 42 1/2" AFF. This area could be viewed as an overlook/viewing area.	AGODA F246.2, 1015	12). Add gravel between pavement and fence. 13). Lower top of fence to max. 32" to provide viewing allowance of 32" min. - 51" max.			13			12					

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## South Paved Trail

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Main Bulletin Board	<b>14).</b> Main bulletin board is post mounted just in front and north of building and protrudes 21" from post in 3 directions on an accessible route.	AGODA 1016.9	<b>14).</b> Objects protruding in circulation path greater than 4" and have a bottom edge above finished grade must have a cane detectable warning at 27" or below. Provide cane detectable warning around entire perimeter of sign.											
Stormwater Best Management Practices Sign	<b>15).</b> Signage does allow for full program access to individuals having low vision or who are blind.	ADA Title II Requirement	<b>15).</b> Seek alternative auxiliary aids to assist persons with low vision or who are blind to have full access to the trail. Suggestions /possibilities are providing a qualified reader to read signage along the trail, providing audio recordings of signage information, providing audio descriptions of relative environment, or other auxiliary aids that would assist in providing program access.											
Paved Trail intersection (Opposite Playground)	<b>16).</b> There is a depression/hole in the middle of trail that is 2" deep and 9"x7".	AGODA F247, 1015	<b>16).</b> Regrade surface or use cold patch to ensure that no holes/depressions exist.											
Path Traveling South from Intersection	<b>17).</b> 3 depressions/holes exist along path.	AGODA F247, 1015	<b>17).</b> Regrade surface or use cold patch to ensure that no holes/depressions exist.											

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Hilltop next to Yield Sign	<b>18).</b> Cross slope exists at hilltop 2.7% to 2.9% <b>19).</b> Hill cross slope is 3% to 4.6%. <b>20).</b> Cross slope in front of parking is 3.5% to 4.4% <b>21).</b> 5% to 6% cross slope exists towards the bottom of the hill. <b>22).</b> Inside curve at the bottom of the hill has a cross slope of 5.7% <b>23).</b> A crack crosses the path halfway down the hill	AGODA F247, 1015	<b>18).</b> Regrade surface to have cross slopes of 1:48 or 2.08% max. <b>19).</b> Regrade surface to have cross slopes of 1:48 or 2.08% max. <b>20).</b> Regrade surface to have cross slopes of 1:48 or 2.08% max. <b>21).</b> Regrade surface to have cross slopes of 1:48 or 2.08% max. <b>22).</b> Regrade surface to have cross slopes of 1:48 or 2.08% max. <b>23).</b> Regrade surface or use cold patch to ensure that no gaps greater than 1/2" exist.											
Bench at the Edge of the Water next to the Bridge	<b>24).</b> Existing benches do not meet seat height or depth requirements. The bench seat is at 16" AFF.	ADAAG 903, AGODA 1011.2	<b>24).</b> Raise existing benches, ensuring seat height of 17" min AFF and 19" maximum AFF.											
S/W Corner of Property (South of Big Tree)	<b>25).</b> Trail has 3% cross slopes.	AGODA F247, 1015	<b>25).</b> Regrade surface to have cross slopes of 1:48 or 2.08% max.											